

# Recovery Plan Action Status

Plan Name: Saint Francis' Satyr Butterfly

Plan Status: Final

Plan Date: 23-Apr-96

Lead Agency: USFWS

Lead Office: Raleigh Ecological Services Field Office

(919)

856-4520 )

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Saint Francis' satyr butterfly (Neonympha mitchellii francisci)	1	1	Protect existing populations	Ongoing Current	FY 1995 - FY 1999		U.S. Department of Defense, U.S. Fish and Wildlife Service, Law Enforcement Division, State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Management: General, Management: Habitat Maintenance and Manipulation, Management: Planning, Management: Population Monitoring, Management: Propagation, Management: Reintroduction, Other: Law Enforcement, Research: Habitat Status, Research: Management Techniques, Research: Population Assessment, Research: Population Surveys, Research: Propagation, Research: Reintroduction	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	**For all tasks, Responsible Parties: SCA - State plant conservation agencies in north Carolina -- the Plant Conservation Program (North Carolina Department of Agriculture) and the Natural heritage Program (North Carolina Department of Environment, Health, and Natural Resources)  Existing population protected on Ft. Bragg Army Base
Saint Francis' satyr butterfly (Neonympha mitchellii francisci)	1	2	Manage for the long-term survival of existing populations	Ongoing Current	FY 1995 - FY 1999		U.S. Department of Defense, State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Management: General, Management: Habitat Maintenance and Manipulation, Management: Identify/Protect Foraging, Breeding and Mig Habitats, Management: Planning, Management: Population Monitoring	Contract, Graduate Student, Internal Technical Assistance, Species Expert	Ft. Bragg Army Base Nick Haddad (NCSU - Zoology) Steve Hall (NC Natural Heritage Program)

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Saint Francis' satyr butterfly ( <i>Neonympha mitchellii francisci</i> )	2	3	Monitor existing populations	Ongoing Current	FY 1995 - FY 1999		U.S. Department of Defense, State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Research, Research: Population Assessment, Research: Population Surveys	Contract, Graduate Student, Species Expert	Nick Haddad (NCSU - Zoology) Steve Hall (NC Natural Heritage Program)
Saint Francis' satyr butterfly ( <i>Neonympha mitchellii francisci</i> )	2	4	Continue research into the species' life history, ecology, and reasons for decline	Ongoing Current	FY 1995 - FY 1999		U.S. Department of Defense, State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Research: Demographic Studies, Research: Ecosystem Studies, Research: General, Research: Habitat Requirements, Research: Habitat Status, Research: Management Techniques, Research: Population Assessment, Research: Population Surveys, Research: Propagation, Research: Reintroduction, Research: Taxonomic Studies	Contract, Graduate Student, Internal Technical Assistance, Species Expert	Nick Haddad (NCSU - Zoology) Steve Hall (NC Natural Heritage Program)
Saint Francis' satyr butterfly ( <i>Neonympha mitchellii francisci</i> )	2	5	Conduct searches for additional populations	Ongoing Current	FY 1995 - FY 1999		U.S. Department of Defense, State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Other, Research: Population Surveys	Contract, Graduate Student, Species Expert	Steve Hall (NC Natural Heritage Program) Nick Haddad (NC State University)
Saint Francis' satyr butterfly ( <i>Neonympha mitchellii francisci</i> )	2	6	Establish additional wild populations within historic range	Ongoing Current	FY 1995 - FY 1999		U.S. Department of Defense, State Conservation Agencies, U.S. Fish and Wildlife Service, Division of Refuges and Wildlife, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Management: Propagation, Management: Reintroduction, Research: Propagation	Contract, Graduate Student, Internal Technical Assistance, Species Expert	

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Saint Francis' satyr butterfly ( <i>Neonympha mitchellii francisci</i> )	3	7	Develop information and education programs	Ongoing Not Current	FY 1995 - FY 1999		U.S. Department of Defense, State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Other: Information and Education	Internal Technical Assistance, Species Expert	